ELSEVIER

Journal of Contaminant Hydrology 59 (2002) 317–318

JOURNAL OF
Contaminant
Hydrology

www.elsevier.com/locate/jconhyd

Contents Volume 59, 2002

VOL. 59, Nos. 1–2

Special Issue: The 2000 Contaminated Site Remediation Conference: From Source Zones to Ecosystems
Guest Editors: Greg B. Davis, Colin D. Johnston

Preface 1

Persistence of LNAPL sources: relationship between risk reduction and LNAPL recovery
D. Huntley and G.D. Beckett 3

Effects of source zone heterogeneity on surfactant-enhanced NAPL dissolution and resulting remediation end-points
S. Saenton, T.H. Illangasekare, K. Soga and T.A. Saba 27

Time scales of organic contaminant dissolution from complex source zones: coal tar pools vs. blobs
C. Eberhardt and P. Grathwohl 45

In situ fluidization for peat bed rupture, and preliminary economic analysis
R.K. Niven and N. Khalili 67

Effectiveness of in situ air sparging for removing NAPL gasoline from a sandy aquifer near Perth, Western Australia
C.D. Johnston, J.L. Rayner and D. Briegel 87

Modelling of physical and reactive processes during biodegradation of a hydrocarbon plume under transient groundwater flow conditions
H. Prommer, D.A. Barry and G.B. Davis 113

A case study for demonstrating the application of U.S. EPA's monitored natural attenuation screening protocol at a hazardous waste site
T.P. Clement, M.J. Truex and P. Lee 133

VOL. 59, Nos. 3–4

Natural remobilization of multicomponent DNAPL pools due to dissolution
J.W. Roy, J.E. Smith and R.W. Gillham 163

Controlled release, blind tests of DNAPL characterization using partitioning tracers
M.C. Brooks, M.D. Annable, P.S.C. Rao, K. Hatfield, J.W. Jawitz, W.R. Wise, A.L. Wood and C.G. Enfield 187

Mobilization and entry of DNAPL pools into finer sand media by cosolvents: two-dimensional chamber studies
M.E. Van Valkenburg and M.D. Annable 211

Engineered and subsequent intrinsic in situ bioremediation of a diesel fuel contaminated aquifer
D. Hunkeler, P. Höhener and J. Zeyer 231
Towards a better understanding of tetrachloroethene entry pressure in the matrix of Permo-Triassic sandstones
D.C. Gooddy, J.P. Bloomfield, G. Harrold and S.A. Leharne 247
Contaminant transport in dual-porosity media with dissolved organic matter and bacteria present as mobile colloids
S.-B. Kim and M.Y. Corapcioglu 267
Theory for reactive solute transport through clay membrane barriers
M.A. Malusis and C.D. Shackelford 291

Contents Volume 59, 2002 317